Docket No: FICHTNER Appl. No: 10/789,411

AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS

1. (Canceled)

2. (Currently amended) [[The]] An electric machine of claim 1, comprising:

a shaft; and

a rotor core mounted onto the shaft and formed of a plurality of stacked laminations, said rotor core having opposite end surfaces for attachment of a plate in such a manner as to allow an axial deflection of the laminations in the area of the plate, said plate having a rotor core distal planar outer surface and extending to an area of the shaft, wherein the plate has an inner diameter which is greater than an inner diameter of the rotor core.

- 3. (Currently amended) The electric machine of claim [[1]] 2, wherein the plate has an inner diameter of the plate which is greater than [[an]] the inner diameter of the rotor core by at least 2 mm.
- 4. (Previously presented) An electric machine, comprising:

a shaft; and

a rotor core mounted onto the shaft and formed of a plurality of stacked laminations, said rotor core having opposite end surfaces for attachment of a plate in such a manner as to allow an axial deflection of the laminations in the area of the plate, wherein the plate has at least three webs extending substantially radially inwardly to hold the plate radially on the shaft.

- 5. (Previously presented) The electric machine of claim 4, wherein the webs have a width in the range from 4 to 20 mm
- 6. (Previously presented) The electric machine of claim 4, wherein at least one of the webs has means for providing flexibility in a radial direction.

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(Previously presented) The electric machine of claim 6, wherein the at least one
web is formed with a slit in circumferential direction to provide the radial
flexibility.

- 8. (Previously presented) The electric machine of claim 6, wherein the at least one web is formed with a hole to provide the radial flexibility.
- (Previously presented) The electric machine of claim 6, wherein the material in the at least one web is reduced by laser application to provide the radial flexibility.
- 10. (Previously presented) The electric machine of claim 9, wherein the at least one web has a shaft-proximal end zone from which material is removed by laser application to provide the radial flexibility.
- 11. (Previously presented) The electric machine of claim 4, wherein the webs define an inner diameter, said webs being plastically deformed to slightly enlarge the inner diameter of the webs.
- 12. (Previously presented) The electric machine of claim 6, wherein at least one of the webs is provided with a fitted key for providing an angular alignment of the plate in relation to the shaft.
- 13. (Previously presented) An electric machine, comprising:

a shaft; and

a rotor core mounted onto the shaft and formed of a plurality of stacked laminations, said rotor core having opposite end surfaces for attachment of a plate in such a manner as to allow an axial deflection of the laminations in the area of the plate, wherein the plate is formed with slots for accommodation of rotor bars, and recesses for operation of the electric machine or its manufacture.

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14. (Currently amended) [[The]] An electric machine of claim 1, comprising:

a shaft; and

a rotor core mounted onto the shaft and formed of a plurality of stacked laminations, said rotor core having opposite end surfaces for attachment of a plate in such a manner as to allow an axial deflection of the laminations in the area of the plate, said plate having a rotor core distal planar outer surface and extending to an area of the shaft, wherein the plate is constructed as a sleeve having a recessed inner surface in confronting relationship to the rotor core, thereby defining a gap between the plate and the rotor core.

15. (Currently amended) The electric machine of claim [[1]] 14, wherein the plate has an inner diameter so as to bear upon an outer diameter of the shaft.